Index of Claims

Application No.

09/974,982

Examiner

Applicant(s)

BANNING ET AL.

Art Unit

Victor Lesniewski

2155

✓ Rejected= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim     |   | Date  |          |          |          |          |                |  |          |                 |  |
|-----------|---|---|----------|----------|----------|----------|----------------|--|----------|-----------------|--|
| Claim     |   | 7   |          | _        | _        | Jall     | <del>-</del> - | _  | _        | ႕               |  |
| Final     | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>(9)<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33 | #/0// <b>2</b> / >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |          |          |          |          |                |  |          |                 |  |
|           | <b>(1)</b>  | 1   |          |          |          |          |                |  |          |                 |  |
|           | 2   | 1   |          |          |          |          |                |  |          | П               |  |
|           | 3   | 1   |          |          | -        |          |                |  | _        | Н               |  |
|           | 4   | Ī   |          | _        |          | _        |                |  |          | $\vdash$        |  |
| _         | 5   | J   |          | $\vdash$ |          |          | H              | H  | Н        | Н               |  |
| _         | 6   | ij  | _        |          | -        |          | -              | -  | -        |                 |  |
| $\vdash$  | 7   | ij  |          |          |          |          | -              | <del>                                     </del> | ┝        | -               |  |
|           | 8   | J   |          | H        |          | -        | H              | ┢═   | -        |                 |  |
|           | ā   | j   |          |          |          |          | <u> </u>       | -  |          |                 |  |
|           | (10)  | 7   |          |          | _        |          | $\vdash$       | -  | $\vdash$ | $\dashv$        |  |
|           | 11  | J   | $\vdash$ |          |          |          |                | -  | H        | $\dashv$        |  |
|           | 12  | 7   |          | H        |          | $\vdash$ |                |  | $\vdash$ | $\vdash$        |  |
|           | 13  | Ì   |          |          |          | $\vdash$ |                |  |          | $\vdash$        |  |
| <u> </u>  | 14  | V   |          | $\vdash$ | -        | $\vdash$ | <u> </u>       |  | Н        | $\vdash$        |  |
| <b></b> - | 15  | V   |          |          | $\vdash$ | $\vdash$ | $\vdash$       |  | -        | $\vdash \vdash$ |  |
|           | 16  | V   |          | $\vdash$ |          | H        |                | H  |          | Н               |  |
|           | 17  | V   |          |          | Н        | $\vdash$ | T              | $\vdash$   |          | H               |  |
|           | 18  | Ì   |          |          |          | $\vdash$ |                | $\vdash$   |          | Н               |  |
|           | (19)  | ij  |          |          |          | $\vdash$ | $\vdash$       | $\vdash$   |          | $\vdash$        |  |
|           | 20  | V   |          |          |          |          |                | $\vdash$   |          |                 |  |
|           | 21  | 1   |          |          | $\vdash$ |          |                | $\vdash$   |          | H               |  |
|           | 22  | 1   |          | _        | $\vdash$ | _        |                | $\vdash$   |          | $\Box$          |  |
|           | 23  | 1   |          |          | $\vdash$ |          |                | _  |          |                 |  |
|           | 24  | 1   |          |          |          |          |                | Г  |          |                 |  |
|           | 25  | 1   |          |          |          |          |                |  |          |                 |  |
|           | 26  | 1   |          |          |          |          |                |  |          |                 |  |
|           | 27  | 1   | Г        |          |          |          |                |  |          |                 |  |
|           | 28  |   |          |          |          |          |                |  |          |                 |  |
|           | 29  |   |          |          |          |          |                |  |          |                 |  |
|           | 30  |   |          |          |          |          |                | Г  |          | П               |  |
|           | 31  |   |          |          |          |          |                |  |          |                 |  |
|           | 32  | Г   |          |          | Г        |          |                |  |          | $\square$       |  |
|           | 33  |   |          | П        | Г        |          |                |  | П        | П               |  |
|           | 34<br>35  |   |          |          |          |          |                |  |          | П               |  |
|           | 35  |   | _        |          | Г        |          |                |  |          |                 |  |
|           | 36  |   |          |          |          |          |                |  |          |                 |  |
|           | 36<br>37  |   |          |          |          | L        |                |  |          |                 |  |
|           | 38  |   |          |          |          |          |                |  |          |                 |  |
|           | 39  |   |          |          |          |          |                |  |          |                 |  |
|           | 40  |   |          |          |          |          |                |  |          |                 |  |
|           | 41  |   |          |          |          |          |                |  |          |                 |  |
|           | 42  |   |          |          |          |          |                |  |          |                 |  |
|           | 43  |   |          |          |          |          |                |  |          |                 |  |
|           | 44  |   |          |          |          |          |                |  |          |                 |  |
|           | 45  |   |          |          | 匚        |          |                |  |          |                 |  |
|           | 46  |   |          |          |          |          |                |  |          |                 |  |
|           | 47  |   |          |          |          |          |                |  |          |                 |  |
|           | 48  |   |          |          |          |          |                |  |          |                 |  |
|           | 49  |   |          |          |          |          |                |  |          |                 |  |
|           | 50  |   |          |          |          |          |                |  |          |                 |  |

| E         E           50         51           52         53           54         55           56         57           58         59           60         61           62         63           63         64           65         66           67         68           69         70           71         72           73         74           75         76           77         78           79         80           81         82           83         84           85         86           87         88           89         90           91         92           93         94           95         96           97         98           99 |   | Claim |     | Date     |          |          |              |          |              |          |          |                |
|--|---|-------|-----|----------|----------|----------|--------------|----------|--------------|----------|----------|----------------|
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |   |       |     |          |          |          |              |          |              |          |          |                |
| 52         53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |   |       | 51  |          |          |          |              |          |              |          |          |                |
| 53         54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |   |       | 52  |          |          |          |              |          |              |          |          |                |
| 54         55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |   |       | 53  | -        | _        |          |              |          |              |          |          |                |
| 55         56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |   |       | 54  |          |          |          |              |          |              |          |          |                |
| 56         57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99  |   |       | 55  |          |          |          |              |          |              |          |          |                |
| 57         58         59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |   |       |     |          |          |          |              |          |              |          |          |                |
| 59         60         61         62         63         64         65         66         67         68         69         70         71         72         73         74         75         76         77         78         79         80         81         82         83         84         85         86         87         88         89         90         91         92         93         94         95         96         97         98         99   |   |       | 57  |          |          |          |              |          |              |          |          |                |
| 60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       |     |          |          |          |              |          |              |          |          |                |
| 61<br>62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       |     |          | L        |          |              |          |              |          |          |                |
| 62<br>63<br>64<br>65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 60  |          | L        |          |              |          |              |          |          |                |
| 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 93 94 95 96 97  |   |       |     |          |          |          |              |          |              |          |          | _              |
| 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97   |   |       | 62  |          |          |          |              |          | $oxed{oxed}$ |          |          | _              |
| 65<br>66<br>67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 63  |          |          |          |              |          |              |          |          |                |
| 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 90 91 91 92 93 94 95 96 97   |   | L     | 64  |          |          |          |              |          | L_           | L.,      |          | _              |
| 67<br>68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       |     |          |          |          |              |          |              | _        |          | _              |
| 68<br>69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 66  |          |          | _        | _            |          |              | _        |          |                |
| 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |   |       |     |          |          | _        | _            |          |              |          |          | <u> </u>       |
| 70 71 71 72 73 74 75 76 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |   |       | 68  | _        | _        | _        | _            |          |              | _        | <u> </u> |                |
| 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97   |   |       | 69  |          |          | _        | _            |          | _            | _        | <u> </u> | <u> </u>       |
| 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  |   |       | 70  |          |          |          | _            |          | _            | _        | <u> </u> | ┡              |
| 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  |   |       | /1  | _        | _        | _        | L            | _        |              | <u> </u> | <u> </u> | <del>  -</del> |
| 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97  |   |       | 72  |          |          |          |              | <u> </u> |              | <u> </u> | _        | ⊢              |
| 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |   |       | 74  | _        |          |          | -            | <u> </u> | _            | _        | _        | $\vdash$       |
| 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |   | -     | 75  | _        |          | _        | ├            | _        | _            | ├        |          | ├              |
| 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97  |   |       | 76  |          |          | -        | H            |          |              | -        | $\vdash$ | ┝              |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |   |       | 77  |          |          |          | $\vdash$     | -        | _            | -        | -        | ┝              |
| 79 80 81 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97   |   |       | 78  |          |          |          |              |          |              | -        |          |                |
| 80<br>81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>93<br>94<br>95<br>96   |   |       | 79  |          |          | -        | -            | -        |              | _        | _        | _              |
| 81<br>82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97<br>98   |   |       | 80  | _        |          | _        | $\vdash$     |          | _            | $\vdash$ | -        | $\vdash$       |
| 82<br>83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97   |   |       |     |          |          |          | _            |          |              | $\vdash$ |          | $\vdash$       |
| 83<br>84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>91<br>92<br>93<br>93<br>94<br>95<br>96<br>97<br>98   |   |       |     |          |          |          | _            |          |              | $\vdash$ |          | $\vdash$       |
| 84<br>85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   |       | 83  |          | _        | _        |              |          |              |          |          |                |
| 85<br>86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   |       | 84  |          |          |          |              |          |              |          |          |                |
| 86<br>87<br>88<br>89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98   |   |       | 85  |          |          |          |              |          |              |          |          |                |
| 88 89 90 90 91 91 92 93 94 95 96 97 98 99 99   | j |       | 86  |          |          |          |              |          |              |          |          |                |
| 89<br>90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 87  |          |          |          |              |          |              |          |          |                |
| 90<br>91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 88  |          |          |          | $oxed{oxed}$ |          |              |          |          |                |
| 91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       |     |          |          |          |              |          |              |          |          |                |
| 92<br>93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 90  |          |          |          |              |          |              |          |          | <u> </u>       |
| 93<br>94<br>95<br>96<br>97<br>98<br>99   |   |       | 91  |          |          |          | L.,          | _        | _            |          |          |                |
| 94<br>95<br>96<br>97<br>98<br>99   | ļ | ļ     |     | _        | <u> </u> | $\vdash$ | $\vdash$     | L        |              | ۰.       | _        | <u> </u>       |
| 95<br>96<br>97<br>98<br>99   |   |       |     | <u> </u> |          | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     | H        | <u> </u> |                |
| 96<br>97<br>98<br>99   |   |       |     |          |          |          | $\vdash$     | <u> </u> | _            | $\vdash$ | $\vdash$ | _              |
| 97<br>98<br>99   |   | -     |     | $\vdash$ | _        | -        |              |          | <u> </u>     |          | -        |                |
| 98 99  |   |       |     | <u> </u> | -        | <u> </u> | $\vdash$     | <u> </u> | <u> </u>     | -        |          | <u> </u>       |
| 99   |   |       |     |          | -        | $\vdash$ |              | $\vdash$ | Ė            | $\vdash$ | $\vdash$ | $\vdash$       |
|  |   |       | 99  | $\vdash$ | $\vdash$ | $\vdash$ | -            |          | —            | -        | -        | -              |
|  |   |       | 100 |          | -        | -        | -            | Н        | _            |          | $\vdash$ |                |

|       |  |          |          |  |                                     |                                     |   | _        |          |                 |
|-------|--|----------|----------|--|-------------------------------------|-------------------------------------|---|----------|----------|-----------------|
| Claim |  |          |          |  |                                     | Date                                | _   |          |          | ᆜ               |
| Final | Original   |          |          |  |                                     |                                     |   |          |          |                 |
|       | 101<br>102   |          |          |  |                                     |                                     |   |          |          |                 |
|       | 102  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 103  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 104<br>105   |          |          |  |                                     |                                     | $ldsymbol{ld}}}}}}$ | _        |          | Ш               |
|       | 105  |          |          | <u> </u>   | _                                   |                                     | _   |          |          | Щ               |
|       | 106<br>107   |          | $\vdash$ | <u> </u>   |                                     |                                     | _   |          |          | Ц               |
|       | 107  |          | $\vdash$ | l—   |                                     | $\vdash$                            | _   |          |          | $\vdash$        |
|       | 108<br>109   | _        | -        | $\vdash$   |                                     | -                                   | -   |          | $\vdash$ | $\vdash \vdash$ |
|       | 110  |          |          | ├─   | _                                   | $\vdash$                            | H   | $\vdash$ | -        | $\vdash \vdash$ |
|       | 111  | -        |          | -  |                                     |                                     | ┢   |          |          | $\vdash$        |
|       | 112  |          | Н        | $\vdash$   | -                                   | Н                                   | <del>                                     </del>  |          |          | $\vdash$        |
|       | 113  |          | Т        | Г  |                                     |                                     |   |          |          | Н               |
|       | 114  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 110<br>111<br>112<br>113<br>114<br>115               |          |          |  |                                     |                                     |   |          |          |                 |
|       | 116  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 117<br>118   |          |          |  |                                     |                                     |   |          |          |                 |
|       | 118  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 119  |          |          |  | <u> </u>                            | <u> </u>                            |   |          |          | Щ               |
|       | 120  | _        |          | <u> </u>   | <u> </u>                            | <u> </u>                            | _   |          | _        | Н               |
|       | 120<br>121<br>122                                    | _        | -        | <u> </u>   |                                     | ⊢                                   | _   | _        | -        | -               |
|       | 122  | -        | H        | -  | ┝                                   | $\vdash$                            | -   | -        |          | $\vdash\dashv$  |
|       | 123  |          | -        |  | _                                   | -                                   |   | -        | -        | H               |
|       | 125  |          | $\vdash$ | $\vdash$   | $\vdash$                            |                                     |   | $\vdash$ |          | Н               |
|       | 126  |          |          |  | $\vdash$                            | $\vdash$                            |   |          |          | П               |
|       | 127  |          |          |  |                                     |                                     |   |          |          | П               |
|       | 128  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          |  |                                     |                                     |   |          |          |                 |
|       | 130  |          |          |  | <u> </u>                            |                                     |   |          |          | Ш               |
|       | 131<br>132<br>133                                    |          |          |  | <u> </u>                            | <u> </u>                            |   |          |          | Щ               |
|       | 132  |          |          | _  | <u> </u>                            | Ļ                                   |   | <u> </u> |          | $\sqcup$        |
|       | 133  | _        | _        | _  | <u> </u>                            | Ļ                                   | _   | -        |          | $\square$       |
|       | 134<br>135   |          |          |  | <u> </u>                            | <u> </u>                            |   | -        |          | $\vdash$        |
|       | 136  |          | _        | -  | $\vdash$                            | $\vdash$                            |   | -        |          | $\vdash\vdash$  |
|       | 137  |          |          | <u> </u>   | ┢                                   | H                                   |   | <u> </u> | -        | Н               |
|       | 138  | -        |          |  | _                                   | $\vdash$                            |   |          |          | H               |
|       | 139  | -        |          |  |                                     |                                     |   | Г        |          | П               |
|       | 140  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 141  |          |          |  |                                     |                                     |   |          |          |                 |
|       | 142  | _        |          |  | Ĺ                                   | L                                   |   |          |          |                 |
| ļ     | 143  |          |          | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L   | oxdot    |          | Щ               |
|       | 144  |          | _        | <u> </u>   | <u> </u>                            |                                     | <u> </u>  | <u> </u> |          | Щ               |
|       | 145  | -        | -        | ├_   | $\vdash$                            | L                                   | $\vdash$  | $\vdash$ | <u> </u> | Н               |
|       | 146<br>147   |          | -        | ⊢  |                                     | <u> </u>                            | ├   | <u> </u> |          | Н               |
|       | 148  | $\vdash$ | H        | $\vdash$   | $\vdash$                            |                                     | ├   | ├        | _        | $\vdash$        |
|       | 149  | $\vdash$ |          | <del>                                     </del> | -                                   |                                     | $\vdash$  | -        |          | H               |
| _     | 150  | H        | $\vdash$ | $\vdash$   |                                     |                                     | <del>                                     </del>  |          | $\vdash$ | H               |
|       |  |          | L        |  |                                     |                                     |   |          |          | ш               |